

## INTERNATIONAL SEARCH REPORT

IB2004/003188

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 865G43/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 10 45 321 B (SIEMAG MASCH STAHLBAU) 27 November 1958 (1958-11-27) column 1, line 54 - column 3, line 27; figures 1-3	1,7-9,11
Y		3
A		2,4-6,8, 10
X	----- GB 1 284 698 A (GOODYEAR) 9 August 1972 (1972-08-09) page 2, line 22 - page 3, line 7 claim 1; figures 1-5	9,10
A	----- ----- -/-	1-8,11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

14 December 2004

Date of mailing of the international search report

22/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Sundqvist, S

## INTERNATIONAL SEARCH REPORT

IB2004/003188

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 314 631 A (HAGERMAN ENOCH R ET AL) 9 February 1982 (1982-02-09) column 3, line 56 - column 4, line 11 figure 8	9
Y A	----- DE 296 11 306 U (RHEINISCHE BRAUNKOHLENW AG) 2 October 1996 (1996-10-02) figures	3 1, 2, 4-8, 10, 11
A	----- SU 1 590 423 A (SYZRANSKIJ TURBOSTROITELNYJ Z ; LE I IM G V PLEKHANOVA (SU)) 7 September 1990 (1990-09-07) figure	1-11
A	----- SU 1 467 005 A (SYZRANSKIJ TURBOSTROITELNYJ Z ; LE GORNY I IM G V PLEKHANOVA (SU)) 23 March 1989 (1989-03-23) figure 1	1-11
A	----- DE 827 177 C (HAUHINCO MASCHF) 7 January 1952 (1952-01-07) page 2, line 17 - line 54; figure	1-11

## INTERNATIONAL SEARCH REPORT

IB2004/003188

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
DE 1045321	B	27-11-1958	NONE	
GB 1284698	A	09-08-1972	CA 931096 A1 DE 2115883 A1 FR 2085817 A5 US 3666074 A ZA 7101482 A	31-07-1973 21-10-1971 31-12-1971 30-05-1972 24-11-1971
US 4314631	A	09-02-1982	NONE	
DE 29611306	U	02-10-1996	DE 29611306 U1	02-10-1996
SU 1590423	A	07-09-1990	SU 1590423 A1	07-09-1990
SU 1467005	A	23-03-1989	SU 1467005 A1	23-03-1989
DE 827177	C	07-01-1952	NONE	